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- assigning wideband downlink channels associated with the high-speed data terminal to the secondary service
- 2. The method of claim 1, wherein the at least one communication node includes a plurality of satellites and 5 gateways.
- 3. The method of claim 1, wherein the wideband downlink channels are assigned to a single time-slot of multiple contiguous channels for each high-speed data terminal.
- 4. The method of claim 1, wherein the wideband downlink 10 channels are assigned to multiple time-slots of multiple contiguous channels for each high-speed data terminal.
- 5. The method of claim 1, wherein the wideband downlink channels are assigned to multiple time-slots of a single channel for each high-speed data terminal.
 - 6. The method of claim 1, further including the steps of: making a handoff request for a plurality of current cell channels that are providing a wideband service for the high-speed data terminal;
 - rate negotiating an active connection in a current cell to a 20 number of available handoff cell channels when the plurality of current cell channels are not available;
 - transferring communication traffic from the current cell to a handoff cell; and
 - rate negotiating an active connection in the handoff cell 25 such that a number of assigned handoff cell channels is approximately equal to the plurality of current cell
- 7. The method of claim 6, wherein the multiple channels are contiguous channels.
- 8. The method of claim 6, wherein the handoff request is a single handoff request.
- 9. The method of claim 6, wherein the multiple channels are wideband downlink channels.
- 10. The method of claim 1, further comprising the steps
 - assigning a priority to the high-speed data terminal;
 - providing an acquisition message over an acquisition channel from the high-speed data terminal to the at least one communication node, the acquisition message including a special acquisition class designation that designates a priority of the high-speed data terminal;
 - assigning channel resources based upon the special acquisition class designation, wherein a higher priority terminal preempts a lower priority terminal if required for a higher priority terminal to access the narrowband communication system.
- 11. The method of claim 10, wherein the special acqui- $_{50}$ sition class designation includes a data terminal type and a data terminal application for the high-speed data terminal.
- 12. A method for handing-off multiple channels assigned to a high-speed data terminal in a narrowband communication system, the narrowband communication system communicating with a high-speed data terminal and at least one communication node, the method comprising the steps of:
 - making a handoff request for a plurality of current cell channels that are providing a wideband service for the high-speed data terminal via the narrowband communications system;
 - rate negotiating an active connection in a current cell to a number of available handoff cell channels when the plurality of current cell channels are not available;
 - transferring communication traffic from the current cell to 65 nels. a handoff cell within the narrowband communications system; and

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- rate negotiating an active connection in the handoff cell such that a number of assigned handoff cell channels is approximately equal to the plurality of current cell channels.
- 13. The method of claim 12, wherein the multiple channels are contiguous channels.
- 14. The method of claim 12, wherein the handoff request is a single handoff request.
- 15. The method of claim 12, wherein the multiple channels are wideband downlink channels.
- 16. A narrow-band communication system that provides high-speed data services, the narrowband communication system comprising:
 - a high-speed data terminal; and
 - at least one communication node in communication with the high-speed data terminal, the at least one communication node performing the steps of:
 - dividing an available communication frequency spectrum into a primary service band and a secondary service band wherein the available communication frequency spectrum is a narrowband frequency spectrum;
 - assigning narrowband uplink channels, narrowband downlink channels and uplink channels associated with the high-speed data to the primary service band;
 - assigning wideband downlink channels associated with the high-speed data terminal to the secondary service
- 17. The narrowband communication system of claim 16, wherein the at least one communication node includes a plurality of satellites and gateways.
- 18. The narrowband communication system of claim 16, wherein the wideband downlink channels are assigned to a single time-slot of multiple contiguous channels for each high-speed data terminal.
- 19. The narrowband communication system of claim 16, wherein the wideband downlink channels are assigned to multiple time-slots of multiple contiguous channels for each high-speed data terminal.
- 20. The narrowband communication system of claim 16, wherein the wideband downlink channels are assigned to multiple time-slots of a single channel for each high-speed data terminal.
- 21. The narrowband communication system of 16, further including the steps of:
 - making a handoff request for a plurality of current cell channels that are providing a wideband service for the high-speed data terminal;
 - rate negotiating an active connection in a current cell to a number of available handoff cell channels when the plurality of current cell channels are not available;
 - transferring communication traffic from the current cell to a handoff cell; and
 - rate negotiating an active connection in the handoff cell such that a number of assigned handoff cell channels is approximately equal to the plurality of current cell
- 22. The narrowband communication system of claim 21, 60 wherein the multiple channels are contiguous channels.
 - 23. The narrowband communication system of claim 21. wherein the handoff request is a single handoff request.
 - 24. The narrowband communication system of claim 21, wherein the multiple channels are wideband downlink chan-
 - 25. The narrowband communication system of claim 16, further comprising the steps of: